

FIRST DRAFT

Town of Silverton

Transfer Station Operations Plan

CREATED BY
CODE ENFORCEMENT DEPARTMENT
8/10/2011

Terrence Kerwin, Mayor

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1.0 INTRODUCTION

This is the operations plan for the Silverton Transfer Station located in San Juan County, Colorado (Figures 1 and 2). More specifically, the site is in the Southeast quarter of Section 9, Township 41 north, Range 7 West, 6th Principal Meridian (Figure 2). The Silverton transfer station is a municipal solid waste transfer station; wastes generated off-site are unloaded at the facility and then reloaded into over-the-road transfer trailers for transport to an approved solid waste disposal site. Only residential and commercial wastes are accepted at the facility. Materials such as liquid waste, medical waste, asbestos waste and contaminated soil will not be accepted unless otherwise exempted in section 4 of this Operations Plan.

This document is intended to supply essentially all of the information required by Section 7 of the Colorado Department of Public Health and Environment. A minor amount of the general land use and zoning information listed in section 7.2.1 of the regulations is inapplicable to this facility because it is already in operation. In accordance with the regulation, a copy of the approved operations plan will be kept on-site in the Supervisor Building.

2.0 GENERAL DATA & MAPS

2.1 SUPERVISOR and OPERATOR

The Silverton transfer station is supervised by the Town of Silverton and operated by a designated contractor.

The Town of Silverton can be contacted as follows:

Town Administrator
Town of Silverton
PO Box 250
1360 Greene St.
Silverton, Colorado 81433

(970) 387-5522 OFFICE
(970) 387-5583 FAX

The Contractor can be contacted as follows:

Bruin Waste
PO Box 630
Naturita, CO 81422

(800) 559-2149 OFFICE
(970) 864-7535 FAX

The Town Administrator of Silverton has authority to take corrective action in an emergency.

2.2 LOCATION

As stated earlier, the Silverton transfer station is located in San Juan County, Colorado (Figures 1, 2, 3 and 4). The facility address and telephone number are as follows.

Silverton Transfer Station
7826 County Road 2
Silverton, Colorado 81433
(970) 387-5522

The site is in the Southeast quarter of Section 9, Township 41 north, Range 7 West, 6th Principal Meridian (Figure 2).

The legal description of the property follows:

A PARCEL OF LAND LOCATED WITHIN THE BOUNDRIES OF THE BLAIR PLACER, SURVEY No. 841, IN UNSURVEYED TOWNSHIP 41 NORTH, RANGE 7 WEST, N.M.P.M., SAN JUAN COUNTY, COLORADO, MORE FULLY DESCRIBED AS FOLLOWS:

BEGINNING AT CORNER No. 1, A POINT OF INTERSECTION ON THE NORTHWEST LINE OF SAID BLAIR PLACER AND THE NORTHWEST RIGHT-OF-WAY LINE OF SAN JUAN COUNTY ROAD 2, WHENCE CORNER No. 5 OF THE BLAIR PLACER BEARS S61° 38' 00"W, A DISTANCE OF 702.15 FEET, WHENCE, FROM SAID CORNER No. 5, U.S. LOCATING MONUMENT SILVERTON BEARS N78° 01' 12"W, A DISTANCE OF 3,067.09;

THENCE N70°27' 57"E, 219.29 FEET TO CORNER No. 2, A POINT ON THE NORTHWEST RIGHT-OF-WAY OF SAN JUAN COUNTY ROAD 2;

THENCE N57° 26' 29"E, 125.02 FEET TO CORNER No.3

THENCE N38° 22' 00"W, 24.92 FEET TO CORNER No. 4, A POINT ON THE NORTHWEST LINE OF SAID BLAIR PLACER;

THENCE S61° 38' 00"W, 337.05 FEET TO CORNER No. 1, THE POINT OF BEGINNING CONTAINING APPROXIMATELY 0.1659 ACRES, MORE OR LESS, BASIS OF BEARING AND BOUNDARY BASED UPON THE 1977 U.S.B.L.M. SURVEY OF THE BLAIR PLACER.

2.3 SERVICE AREA

The Silverton Transfer Station primarily serves the area in and around the town of Silverton, Colorado; however, haulers may use the facility from any point of origin subject to a fee.

A regional map is presented as Figure 1, 2, 3 and 4.

2.4 ACCESS & LAND USE

Customer access to the facility is via San Juan County Road 2. The site entrance is on the northwest side of San Juan County Road 2 approximately 0.2 miles North of Silverton, Colorado.

Customer egress generally follows the same route but in reverse order. Transfer trucks follow the same. These roadways are shown on Figure 2.

Lands in the general vicinity are zoned agricultural and open space. There are no nearby residences.

The operational areas of the Silverton facility are located well above and outside of the FEMA mapped 100 year flood plain for the Animas River.

3.0 FACILITY DESIGN

3.1 LOADING & UNLOADING AREA

Customers unload bagged household trash and food debris into a trash compactor, which is located adjacent to a Waste Management 40 yard roll-off container, where customers can dispose of other debris such as construction materials, yard waste, furniture, mattresses and appliances.

The customers have an elevated graveled access to the compactor and the roll-off container, both of which are separated from the containers by a 5 foot high concrete retaining wall with a tubular hand rail installed on top of the wall. Both containers are

situated outside and share a concrete stanchion area of approximately 1200 square feet which provides adequate dimension for maneuvering of Waste Management vehicles that transport the roll-off and compactor containers approximately once per week. Baling is not preformed at this location.

3.2 ON-SITE ROADS

The internal site access and unloading area is gravel, with a concrete pad under and in front of the compactor and the roll-off container to facilitate loading and unloading of Waste Management waste transfer vehicles. There is sufficient capacity on the entrance road that vehicles waiting to unload do not impede traffic circulation.

3.3 EQUIPMENT

On-site equipment includes one packer truck and one roll-off truck

3.4 GATE & FENCING

The entire property is enclosed with a chain link fence. There are two gates that can be closed across a single entrance and a single exit. The gates are locked when the facility is closed to limit unauthorized access.

3.5 SIGNAGE

Signage is provided at the customer entrance showing:

- Hours of operation
- Acceptable materials
- Unacceptable materials
- Emergency phone number

In addition there is a sign posted at the site entrance listing unacceptable wastes, i.e., liquid waste, hazardous waste, medical waste, asbestos waste and contaminated soil.

3.6 BUFFER ZONE

The approximate buffer zone around the waste handling area is as follows.

- 200 feet to the west property boundary (open space)
- 100 feet to the east property boundary (open space)
- 50 feet to the north and south boundary (open space)

3.7 WATER SUPPLY

The Silverton transfer station does not have a well or domestic water supply.

Water supplies for non-domestic uses including fire protection are provided via tanker truck. Bottled water is used for personal consumption. There are no known wells in the vicinity of the Silverton Transfer station.

4.0 OPERATING STANDARDS & PROCEDURES

4.1 HOURS OF OPERATION

The Silverton transfer station operates on Wednesdays and Saturdays only and is closed the remainder of the week. The facility is currently open to customers on designated days of the week from 10:00 A.M. to 6:00 P.M. Operations by the operator or contractor personnel generally begin as early as 6:00 A.M. and cease as late as 6:30 P.M. on the days that the facility is open to customers.

4.2 ACCEPTABLE WASTE

The Silverton transfer station is a solid waste transfer station. Wastes generated off-site are unloaded by the customer at the facility and then reloaded into over-the-road transfer trailers for transport to approved solid waste disposal sites. Only residential and commercial wastes (including demolition debris) are accepted at the facility. Materials specifically excluded from the facility include liquid waste, hazardous waste, medical waste, asbestos waste and contaminated soil. The facility currently accepts approximately 2.0 tons of material per day and can handle a maximum of 20 tons per

day with equipment presently available. The wastes collected are typically transferred once per week to an approved solid waste disposal site.

4.3 SUPERVISION & PERSONNEL

The Silverton transfer station operational staff consists of the following.

- General Manager. The General Manager is responsible for all aspects of the facility operation, including accounting, staffing, staff supervision, training programs, regulatory compliance and emergency response.
- Site Supervisor. The Site Supervisor is responsible for cashier functions, supervision of the spotter and any temporary personnel, exclusion of unacceptable wastes and nuisance condition control. The Site Supervisor is also responsible for emergency response when the General Manager is not available. The Site Supervisor is responsible for maintenance of orderly and safe customer traffic flow. He directs customers to the unloading area and is also responsible for exclusion of unacceptable waste by observing the nature of the waste as it is unloaded onto the waste handling area floor and collection receptacles.

The transfer operation is currently handled by an independent Contractor through the Town of Silverton, who provides the necessary equipment and personnel to efficiently load and haul the waste materials. The Contractor's supervisor is responsible for staffing, supervision, training and transfer vehicle traffic control, as necessary.

4.4 PROCEDURES

4.4.1 Waste Exclusion

As stated earlier, only residential and commercial wastes (including demolition debris) are accepted at the facility with the exceptions stated in 4.4.2 of this operation plan. Materials specifically excluded from the facility include liquid waste, hazardous waste, medical waste, asbestos waste and contaminated soil.

All customers will be asked if their load contains any of the excluded items listed on the sign posted at the Supervisor building. In addition, all loads will be inspected by the Site Supervisor for the presence of unacceptable waste by observing the nature of the waste as it is unloaded onto the waste handling area floor and receptacles.

Should any unacceptable materials be observed at the waste handling area at the time of unloading, the customer will be required to reload the unacceptable material and remove the unacceptable material from the site. If the customer is no longer at the facility and cannot be otherwise identified, the material will be handled as described in section 4.4.9 of this plan.

4.4.2 Cooking Oil and Restaurant Grease

Uncontaminated used cooking oil and grease may be accepted and deposited in a predetermined container upon inspection by staff. The container will be bear proof and kept clean and free of oil and grease on the exterior. There will be an adequate dirt berm surrounding the collection container to prevent contamination to other areas of the transfer station.

4.4.3 Windblown Debris Control

The primary means of windblown debris control is the containment of all aspects of the operation inside a fenced enclosure.

The adjacent properties will be inspected daily by the Site Supervisor or designated alternate for the presence of windblown debris. If windblown debris from the facility is observed, it will be collected and returned to the waste handling area within 72 hours.

4.4.4 Noise Control

All unloading and loading operations are approximately 1000 feet from the nearest habitable structure. The distance together with native vegetation and terrain, provide a natural noise barrier.

4.4.5 Dust and Odor Control

The unloading area is surfaced with decomposed gravel, which does not have a high level of dust in it. More notable however, is the fact that the number of daily trips is very small.

The utilized area of the parcel is approximately 0.1659 acre, and because of the small size, it is not conducive to reaching speeds over 5 mph, even for a very short distance. If dust becomes a problem, dust mitigation will be accomplished via use of Magnesium Chloride or other like material.

Odor Control is rarely a concern at this site because the amount of putrescible waste received is very small and generally is fully contained in the compactor. Additionally, due to the mountainous location of this site, the ambient temperatures are typically cool, which discourages odiferous spoilage. If odor does become a problem, the Site Manager will arrange to have the odoriferous containers removed and taken to an approved disposal site.

4.4.6 Vector Control

Vectors do not have direct access to the contents in the compactor and do not generally occupy the area. If Vectors become a problem at the compactor, or at the roll-off container, the Contractor will utilize its own staff and resources to accomplish pest abatement.

4.4.7 Off-Site Water Protection

There are no drainage facilities or structures that convey moisture or runoff to the surrounding environment. Any excess moisture will be incorporated with the refuse and

hauled with it to the landfill. Storm water incident on the property is directed off-site via sheet flow.

Spills of liquids or solids with potential to flow or mix with storm water and then flow off-site will be cleaned-up or contained as quickly as possible. Solids will be shoveled into containers and the area will be re-graded to restore the original surface condition.

Liquid spills will be contained using absorbent materials such as clay or sand. The absorbent materials will be shoveled into containers. If appropriate (e.g., clean-up of fuel or lubrication oil spill), the absorbent materials will be characterized to determine appropriate disposal methods.

If the spill is too large or moving too fast to control as described above, containment efforts will continue using the methodologies described above while awaiting the arrival of emergency response personnel.

4.4.8 Fire Protection

In the event of a fire at the facility that cannot be controlled by operating personnel, the emergency response system will be immediately activated by dialing 911 and the building evacuated of all customers and non-essential personnel. For purposes of this plan, a fire that cannot be controlled by operating personnel is one that cannot be extinguished with a single fire extinguisher. Burning materials will be cooled or smothered using water hose's, fire extinguishers or soil excavated from the property.

As required by the regulations, the status of fire protection planning and systems has been reviewed by the Silverton & San Juan County Fire Protection District. A copy of their statement regarding preparedness is attached as Appendix B.

4.4.9 Medical Emergency

Minor medical emergencies involving facility staff will be dealt with using first aid supplies maintained in the Supervisor Building. Major medical emergencies involving facility staff will be dealt with by activating the emergency response system (dial 911). For purposes of this plan, a major medical emergency is one that requires more than the simple bandages provided in the first aid supply kit. All medical emergencies must be reported to the Town Administrator as soon as possible.

Medical emergencies involving customers will be dealt with by offering to initiate the emergency response system if the situation appears minor, or by actually initiating the system (dial 911) if the customer is non-responsive. Medical emergencies involving customers must also be reported to the Town Administrator as soon as possible.

4.4.10 Hazardous Materials

If materials suspected of being inappropriate for handling at the facility are observed on the waste handling area floor and/or receptacles and the customer is no longer at the facility or cannot be otherwise identified, the material will be moved by hand or by the equipment on site as appropriate.

The General Manager of the Contractor and the Town Administrator will be notified as soon as possible of the presence of suspected unacceptable material and will be responsible for appropriate characterization and disposal of the material. The General Manager will also be responsible for notifying the Colorado Department of Public Health and Environment and the San Juan Basin Health Department of the presence of the material and its ultimate disposition.

4.4.11 Facility Cleaning

The Silverton transfer station site will be cleaned at the close of each day the site is open. The waste handling area will be essentially free of refuse at the end of work each day.

Clearing of the waste handling area floor will be performed mechanically using the equipment on site or by hand; no wash waters will be generated in this process.

4.4.12 Traffic Control

The Site Supervisor is responsible for maintenance of orderly and safe customer traffic flow. The Site Supervisor will direct customers into an available unloading area and provide direction as needed while maneuvering.

4.4.13 Alternate Waste Handling System

During periods that the facility is not able to operate because of emergencies or other circumstance, additional waste will not be accepted at the site. Customers will be advised that the facility is closed and offer directions to other waste handling facilities (i.e., other permitted landfills or transfer stations).

4.4.14 Personnel Training

All employees of the Silverton Transfer facility will receive training regarding this operations plan and the procedures contained in this section within five working days of hiring. On an annual basis, all employees will also receive refresher training on these same topics and on identification of unacceptable waste streams and/or recognition of unauthorized waste. The training will consist of a section by section explanation of the operations plan to the employee(s) by the General Manager, the Site Supervisor or a

qualified alternate. The alternate may be a person of an equivalent or higher position in the organization as the General Manager or a person outside the organization with sufficient training the experience to adequately explain the operations plan. Employees participating in the training event must sign an attendance form to document that the training has been received.

4.5 RECORD KEEPING

Operational records will be kept and filed in the Supervisor Building for each day the transfer station is open. Records will include all gate receipt tickets, as built construction drawing, this operations plan, other plans as appropriate, training documentation and variations from approved operating procedures. In addition, records will be maintained pertaining to facility inspections by regulatory or other personnel, including the appropriate inspections forms (if provided by the inspector).

Records such as gate receipts and inspection forms that are more than one year old may be stored at an alternate site if space is not available in the Supervisor Building.

5.0 CLOSURE PLAN

The Colorado Department of Public Health and Environment and the San Juan Basin Health Department will be notified in writing of any closure of the transfer station of more than 24 working days. Such notification will be provided 30 calendar days prior to the closure.

Upon closure requiring notification, all solid wastes, any stored liquids, and any waste-contaminated dirt or gravel will be collected and taken to an approved facility. Any windblown debris will be collected from the site, and also from the area along each side of the access road to the site from San Juan County Road 2.

6.0 REFERENCES

FEMA; SAN JUAN COUNTY MAP no. 4829-009-010-321, T41N,R7W, Section 9;
Colorado State Solid Waste Regulations for Transfer Stations, 6 CCR 1007-2, Section
7.

Appendix A

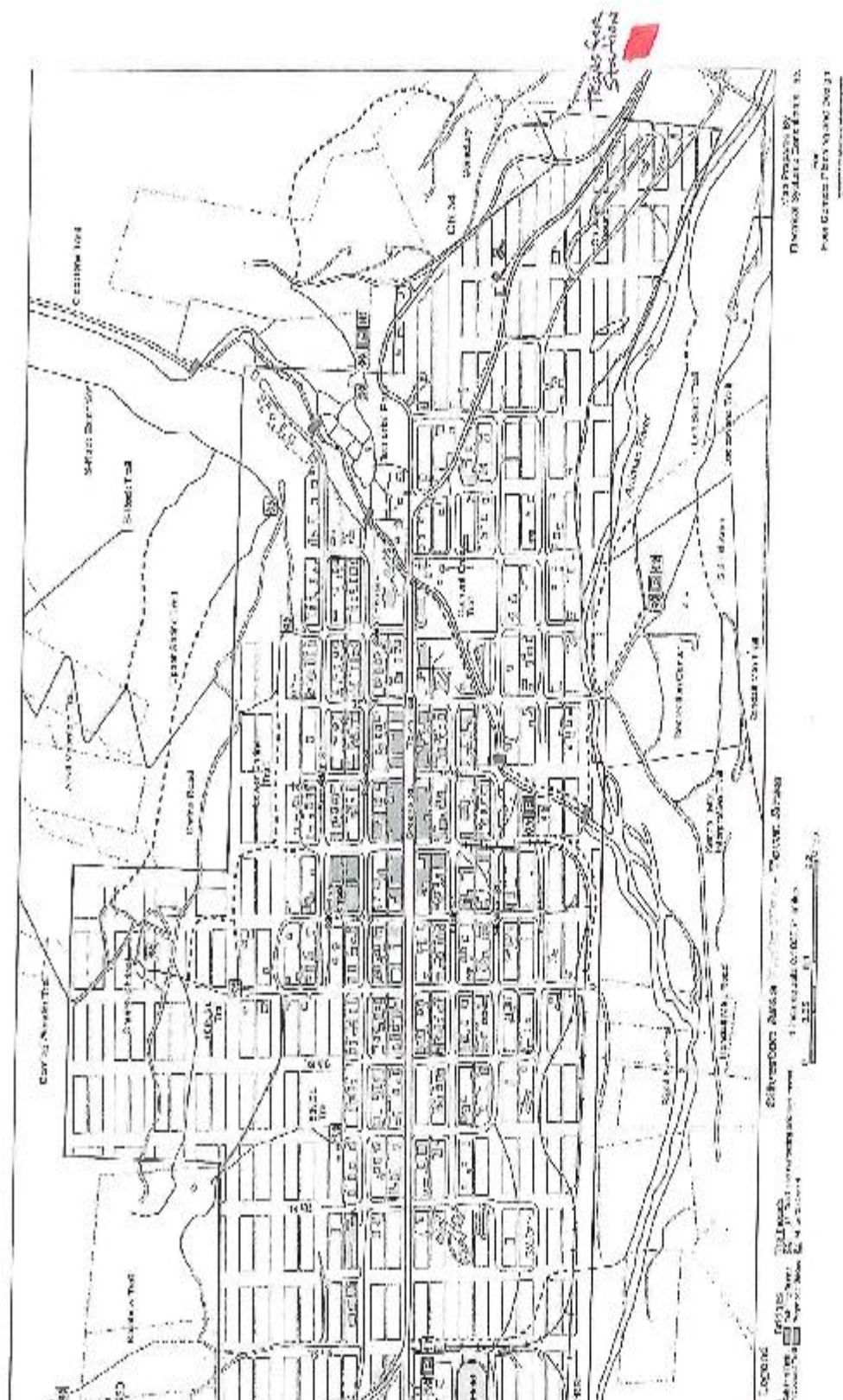
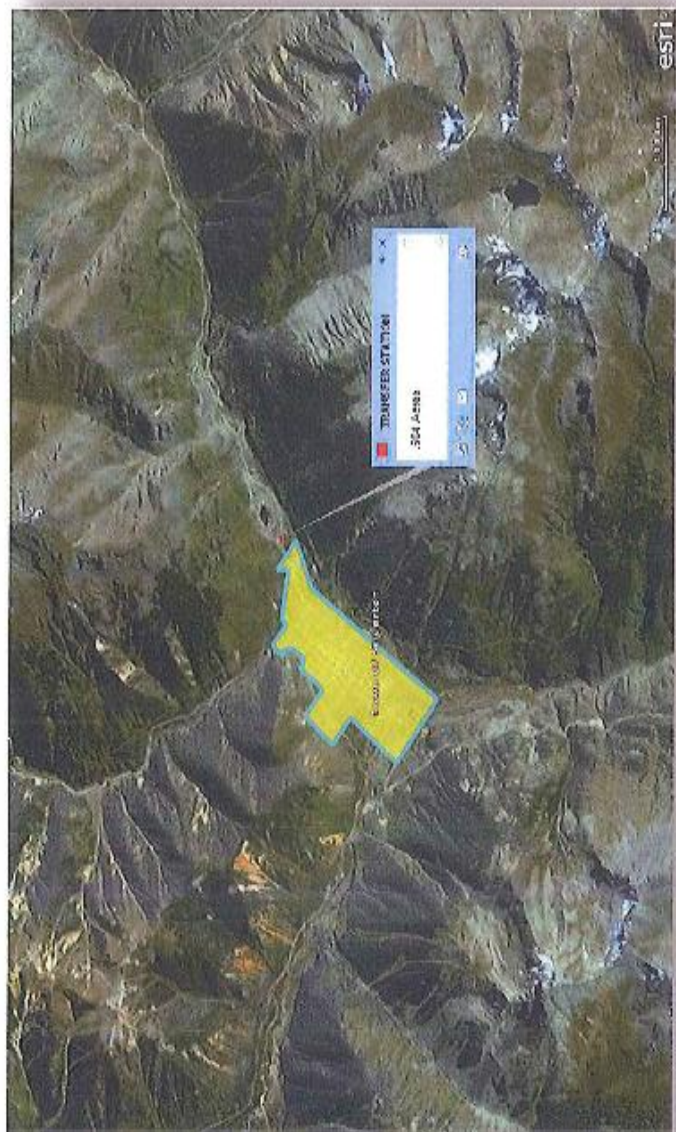


Figure 1







Recorded at 100 o'clock M July 29, 1991
Reception No. 134851 Mary Anderson Recorder. Page 444

QUIT CLAIM DEED

THIS DEED, Made this 23 day of July, 1991,
between SUNNYSIDE GOLD CORPORATION, a Delaware
corporation

of the County of San Juan and State of
Colorado grantor(s), and

THE BOARD OF COMMISSIONERS OF SAN JUAN COUNTY,
COLORADO

whose legal address is P.O. Box 466, Silverton, CO 81433

of the County of San Juan and State of Colorado, grantee(s),

WITNESSETH, That the grantor(s), for and in consideration of the sum of
--TRN and no/100ths and other good and valuable consideration-- DOLLARS
the receipt and sufficiency of which is hereby acknowledged, has a remised, released, sold and QUIT CLAIMED, and by
these presents do CS remise, release, sell and QUIT CLAIM unto the grantee(s), its heirs, successors and assigns,
further, all the right, title, interest, claim and demand which the grantor(s) has in and to the real property, together with
improvements, if any, situate, lying and being in the County of San Juan and State of
Colorado, described as follows:

A parcel of land located within the boundaries of the Blair Placer, Survey
No. 641, in unsurveyed Township 41 North, Range 7 West, N.M.P.M., San
Juan County, Colorado, more fully described as follows:

Beginning at Corner No. 1, a point of intersection on the Northwest line
of said Blair Placer and the Northwest Right-of Way line of Colorado
State Highway 110, whence Corner No. 5 of the Blair Placer bears
S61° 38' 00"W, a distance of 702.15 feet, whence, from said Corner No.
5, U.S. Locating Monument Silverton bears N78° 01' 12"W, a distance of
3,067.09 feet;

Thence N73° 27' 57"E, 219.89 feet to Corner No. 2, a point on the
Northwest Right-of Way of Colorado State Highway 110;

Thence N57° 28' 29"E, 125.02 feet to Corner No. 3;

Thence S38° 22' 00"W, 24.92 feet to Corner No. 4, a point on the
Northwest line of said Blair Placer;

Thence S61° 38' 00"W, 337.05 feet to Corner No. 1, the point of beginning,
containing approximately 0.1659 acres, more or less, Basis of Bearing and
also known by street and number 401 boundary based upon the 1977 U.S.B.L.M. Survey of the
Blair Placer.

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances and privileges thereto belonging or in
anywise thereto appertaining, and all the estate, right, title, interest and claim whatsoever of the grantor(s), either in law or equity, to
the only proper use, benefit and behoof of the grantee(s), its heirs and assigns forever.

IN WITNESS WHEREOF, The grantor(s) have executed this deed on the date set forth above.

ATTEST:

[Signature]

SUNNYSIDE GOLD CORPORATION

[Signature]

Appendix A

Figure 6



PO Box 532 SILVERTON, CO 81433
OFFICE: 970.387.5523
STATION: 970.387.5023
FAX: 970.387.5223*2
EMAIL: silvertonfire@juno.com

September 21, 2011

To Whom it may Concern:

The Silverton transfer station (1 mile east of Silverton on CR 2) does not have any fire protection besides handheld fire extinguishers on hand. In the event of a fire at the transfer station, the Silverton Fire Department would respond to the transfer station.


CHIEF